APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/528,470	03/21/2005	Nobuyuki Shibano	HOK-0267	4388

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RADER FISHMAN & GRAUER PLLC
LION BUILDING
1233 20TH STREET N.W., SUITE 501
WASHINGTON, DC 20036

EXAMINER
PAPPAS, PETER

ART UNIT	PAPER NUMBER
2628	

MAIL DATE	DELIVERY MODE
07/06/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Supplemental **Notice of Allowability**	Application No. 10/528,470	Applicant(s) SHIBANO, NOBUYUKI
	Examiner Peter-Anthony Pappas	Art Unit 2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *6/27/07*.

2. ☒ The allowed claim(s) is/are *1 and 3-10*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None of the:

      1. ☒ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Brian K. Dutton on 5/11/07.

The application has been amended as follows:

- In claim 1, line 36, replace "object." with --object; and wherein two or more

   lighting fixtures are selected and specified with respect to said output-

   characteristic data as well as said positional data, said method including the

   steps of: (i) selecting two or more lighting fixtures as variable components, and

   varying at least one of said output characteristic data and said positional data of

   said lighting fixtures to determine the discrete elements to be illuminated by said

   lighting fixtures selected as the variable components; (ii) referring to said lamp-

   by-element tables only associated with thus determined discrete elements and

   modifying the lamp color component values stored in the referred lamp-by-

   elements tables for said lighting fixtures; (iii) summing the lamp color component

   values in each of the referred lamp-by-element table to give summed lamp color

   components values associated with each said discrete element, and allocating

   the summed lamp color component values to said discrete elements, thereby

   realizing the updated color distribution over the array of the discrete elements.--.

- Cancel claim 2.

- In claim 3, lines 1-3, replace "A simulation program for creating a virtual three-dimensional scene illuminated with multiple lighting fixtures, said program being adapted to be stored in a recordable medium for execution at a computer and comprising:" with --A computer readable medium having a computer program stored thereon for creating a virtual three-dimensional scene illuminated with multiple lighting fixtures comprising:--.

- In claim 3, line 32, replace "lighting fixture;;" with --lighting fixture;--.

- In claim 3, line 47, replace "display." with --display; said lighting control module further providing for selecting two or more lighting fixtures as variable components, and varying at least one of said output characteristic data and said positional data of said lighting fixtures to determine the discrete elements to be illuminated by said lighting fixtures selected as the variable components; said re-calculation module further referring to said lamp-by-element tables only associated with thus determined discrete elements and modifying the lamp color component values stored in the referred lamp-by-elements tables for said lighting fixtures; said color allocating module further summing the lamp color component values in each of the referred lamp-by-element table to give summed lamp color components values associated with each said discrete element, and allocating the summed lamp color component values to said discrete elements, thereby realizing the updated color distribution over the array of the discrete elements.--.

- In claim 4, line 43, replace "display." with --display; said lighting control unit further providing for selecting two or more lighting fixtures as variable components, and varying at least one of said output characteristic data and said positional data of said lighting fixtures to determine the discrete elements to be illuminated by said lighting fixtures selected as the variable components; said re-calculation unit further referring to said lamp-by-element tables only associated with thus determined discrete elements and modifying the lamp color component values stored in the referred lamp-by-elements tables for said lighting fixtures; said color allocating unit further summing the lamp color component values in each of the referred lamp-by-element table to give summed lamp color components values associated with each said discrete element, and allocating the summed lamp color component values to said discrete elements, thereby realizing the updated color distribution over the array of the discrete elements.--.

2.   The prior art of record fails to teach or suggest the language disclosed in claim 2, which has been incorporated into each of the respective independent claims.

3.   Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter-Anthony Pappas whose telephone number is 571-272-7646. The examiner can normally be reached on M-F 9:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ulka Chauhan can be reached on 571-272-7782. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Peter-Anthony Pappas
Examiner
Art Unit 2628

PP

Ulka J. Chauhan
Supervisory Patent Examiner

KEE M. TUNG
SUPERVISORY PATENT EXAMINER